

P2 COMMITTEE ACTIVITIES AND TARGETS – Short Term (FY – 2005)

	ACTIVITIES (PROJECT LEADER)	TARGET	UPDATE
1.	Reduction of chemicals at PBS (Lallier / Muscolo)	All 4 major facilities: a.) Assessed for excessive chemicals b.) Chemicals disposed or recycled	Recently-completed inventory showed PBS had 1600 chemical containers on hand. PBOSG will conduct the annual chemical inventory during the next couple of months. Decrease in chemicals should result.
2.	Implement AP/EPP at PBS (Kocher / Sekura)	One training session / up on Website	Linda to put together a standard Sustainability / EPP presentation. Walt to edit. Eventually, presentation will be used for training any group and geared toward specific audiences as needed.
3.	Natural lawn care (Sekura)	Implement organic program	Linda will be meeting with Phil Kall on 12-9 (possibly with Don Musick, Dan White, and organic care people) – for a meeting of minds and to set a course we all agree on.
4.	Garnet Recycling (Kocher)	Complete installation, optimize performance & implement	Installation complete. Manual in progress.
5.	Garnet recycling tech transfer (Kocher)	Investigate business-wide applications	Walt will work on this after his CSU project is done.
6.	Life Cycle Assessment (Kocher / Sekura)	Determine and implement 2 application-specific tools	Linda finishing up lawn care and light bulb LCA analysis. Flywheel: Linda interviewed McLallin and Marabito. Marabito provided a CD with information. Linda to fill out life cycle form. Kocher, Marabito, and McLallin to edit.
7.	Develop a web-based P2/Recycling training module (Kenzig / Kocher / Sekura)	Make available	
8.	AP/EPP web site (Kocher/Sekura)	Develop analytical tool	Linda and Yod to meet to discuss.
9.	Create SAGE-like program to recommend P2 alternatives (Kocher)	Make search tool available on net for GRC	Walt will work on after CSU project.
10.	Market AP/EPP site NASA-wide (Kocher / Kenzig / Myers)	Implement AP/EPP on GoLearn.com or similar	Walt will work on after CSU project.

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11.	Determine strategic plan to include AP/EPP language in contracts (Kenzig / Myers)	Create clause language and incorporate into five contracts	Need Michelle's input. (Cafeteria SOW sustainability language should end up in cafeteria contract, partially fulfilling 1 of 5 contract targets.)
12.	Replace Stoddard Solvent as degreaser in Space Environment Chamber at PBS (Sekura)	Replace with EPP degreaser	Received sample cleaner from Linda and passed to SPF. Conducted a comparison test with ethanol and sent test wipes to Goddard for analysis. No results on the effectiveness of the cleaner yet. Joe Moore (PBS) staff also tested New II week of 10/29. He will get back with us on the results.
13.	Study of low-strength mortar and flowable fill containing recycled material (Kocher)	Develop guidance document	Walt will work on after CSU project.
14.	Install sustainable cooling towers at SPF (Lallier)	Conduct feasibility study	Spoke with facility manager regarding pilot/feasibility test and he is all for it if we can get funding from HQ. Also pursuing the possibility of installing system on the new cooling tower scheduled for the Eng Bldg. Working with Bob Puzak to set up a meeting with the Project Manager and Mr. Frano.
15.	AP/EPP Chapter (Kenzig / Kocher / Sekura)	Publish chapter(s)	
16.	Spark plug / energy efficiency (Sekura)	Complete study	Brian's mileage was reduced 1-2 mpg. We will contact Ron Palyu to switch back Brian's plugs.
17.	Add 5 products to AP/EPP list (Sekura)	5 EPP products posted on AP/EPP site	Working on light bulbs, paper, and several other product categories. Want to focus on AP-type (EPA/CPG-listed) products.
18.	Water conservation for cooling tower maintenance (Sekura / White)	Use rental portable unit to save water during shutdown	Received contact, technical, and historic info from Renee Palyo and Mike Quintin. Will gather the facts and write up options and suggestions.

P2 COMMITTEE ACTIVITIES AND TARGETS – Long Term (FY – 2005)

	ACTIVITIES	FY- 05 TARGET	LONG TERM GOAL
1.	Real Time Monitoring pilot study at GRC – Lewis Field (Kocher)	Secure funding for a prototype unit	Walt will work on after CSU project.
2.	Replace large Iridite uses (Sekura)	Performance testing done	Need to revisit – Had not received a response from contact.
3.	Native landscaping (Sekura)	Implement pilot program	See below (4), plus will have other proposals.
4.	Soil pile prairie – West & Cryogenic (Walker/Buttler/Sekura)	Plant prairie	Buttler (Pheasants Forever) ordering seed. Walker working on getting graded – fall or spring.
5.	Biodegradable cafeteria supplies (Sekura)	Implement pilot program	Linda to begin cafeteria plan. Step 1: Use of recycled-content napkins.
6.	Cafeteria composting (Kenzig)	Implement pilot program	Need Michelle's input.
7.	GRC-wide composting (Kocher)	Implement pilot program	Walt will work on after CSU project.
8.	New cafeteria set-up (Sekura)	Integrate sustainability concepts	Mark Betlejewski is on a team (formed in June, set by GRC leaders) tasked with contracting out the cafeteria job. A contract will be going out for bid. Won't be implemented until April, at least. Mark finalized the SOW and will incorporate a request for sustainable operations.
9.	Convert EMO vehicles to CNG/other alt. (Strawser)	All new/replacement vehicles capable of using alternative fuel	Need Dan White's input.
10.	Convert GRC vehicles to CNG/other alt. (White)	All new/replacement vehicles capable of using alternative fuel	Need Todd's input.

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11.	Renewable energy at Lewis Field (Quach / F. Miller)	Produce some form of renewable energy at Lewis Field to feed back into grid, remove an area from grid, or use power for a project instead of grid.	Need Fletcher's input.
12.	Renewable energy at PBS (F. Miller / Quach)	Same as #9 – at PBS.	Need Quyen's input.
13.	Assist in providing wind power from Lake Erie (F. Miller)	Assist in GEO project by receiving data at NASA antenna – Target achieved when wind monitoring study completed.	Need Fletcher's input.
14.	Initiate one NASA hydrogen power project (Sekura / Hoberecht / Prokopius)	Consensus is achieved by Hydrogen Power Working Group and funding is secured.	Proposal for NASA-wide hydrogen fueling stations, starting with GRC and KSC.) Proposal discussed with HQ. More information was requested by HQ and GRC will be submitting a response next week.
15.	Hydrogen power production at GRC (Sekura / Hoberecht / Prokopius)	Hydrogen is produced at GRC for a project, or a dispenser is working.	See above (#14).
16.	Hydrogen powered fleet (Sekura / Hoberecht / Prokopius)	GRC has at least one working hydrogen car	See above (#14).
17.	Sustainable cooling towers at GRC (Lallier / Myers)	Implement 1 tower – Eliminate disinfectant and/or minimize water use	See short-term goals (#14).
18.	Laser paint removal in Hangar (Sekura)	Make case for laser equipment at GRC	Linda needs to revisit.